

Drug Analysis Laboratory
IR Spectrophotometer
Monthly QC

Name & Model # :

Analect Diamond-20

Serial #:

EN-3135

A. Frequency Check - Polystyrene Spectrum (Bi-monthly):

2850 \pm 6 cm^{-1}
1601 \pm 3 cm^{-1}
907 \pm 3 cm^{-1}

Date: _____
1

B. 100% Line (\pm 2%) (Bi-monthly):

_____ cm^{-1}
_____ cm^{-1}

C. Alignment (FTIR Only):

1. Background Profile (Monthly)

D. Resolution (Quarterly-January/April/July/October):

(Presence of a smaller peak on the low frequency side of 1601 peak)

E. Cocaine HCL / Cocaine Base Spectra (Quarterly-January/April/July/October):

Date: _____

Cocaine HCL
(\pm 5 cm^{-1})

1732
1712
1269
1107
729

QC Reviewer: _____

QA Reviewer: _____

Reference: Quality Assurance Program (December 1983), B.L. Karger, L. Gelber

Revised: 2006

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Drug Analysis Laboratory
IR Spectrophotometer
Monthly QC

Month/Year: _____

Operator: _____

Date: _____
2

Date: _____

Cocaine Base
($\pm 5 \text{ cm}^{-1}$)

1739	_____
1708	_____
1276	_____
1110	_____
713	_____

Date: _____

Date: _____

Reference: Quality Assurance Program (December 1983), B.L. Karger, L. Gelber

Revised: 2006

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Drug Analysis Laboratory
QC - IR Spectrophotometer

Name & Model # :

FT-IR Spectrum One

Serial #: 73816

A. Frequency Check - External Polystyrene Spectrum (Bi-annually-January/July):

Date: _____

2850 \pm 2 cm⁻¹
1601 \pm 2 cm⁻¹
907 \pm 2 cm⁻¹

B. Frequency Check - Internal Polystyrene Spectrum (Bi-monthly):

Date: _____

1

2850 \pm 2 cm⁻¹
1601 \pm 2 cm⁻¹
907 \pm 2 cm⁻¹

C. Cocaine HCL / Cocaine Base Spectra (Quarterly-January/April/July/October/):

Date: _____

Cocaine HCL
(\pm 2 cm⁻¹)

1727
1711
1265
1105
730

QC Reviewer: _____

QA Reviewer: _____

Drug Analysis Laboratory
QC - IR Spectrophotometer

Month/Year: _____

Operator: _____

Date: _____
2

Date: _____
Cocaine Base
($\pm 2 \text{ cm}^{-1}$)

1735
1707
1274
1108
712

Date: _____

Date: _____